

1500 pink salmon  
from last downstream  
point. Spawning  
and well distributed.

---45' wide, 8" deep.

Moderate water  
velocity.

Excellent spawning  
gravel 2-4" dia.

100 pink salmon  
to barrier.

--Station #3

--10-12' high falls  
barrier.

--large rock and  
boulders

----Dolly Varden  
observed.

Cabin Creek  
(Bartholomew)  
101-55-09  
9-19-74

Novak, Larson, Downey

101-55-10099

75% ASA

S P R U C E

H E M L O C K

C E D A R

---pool. 500 pink salmon.

--2000 pink salmon actively spawning.  
Well distributed from last downstream  
notation.

--Station #2

10 adult coho and 8 sockeye  
observed during survey.

Chum salmon 5% of total spawning  
salmon observed.

H E M L O C K

S P R U C E

C E D A R

---1 coho fry observed.

--- 3500 pink salmon above ITZ to this point.

WATER TEMPERATURE 57°F

Abundance of pink salmon eggs along banks and pools.  
All dead. Pool substrates white with eggs.

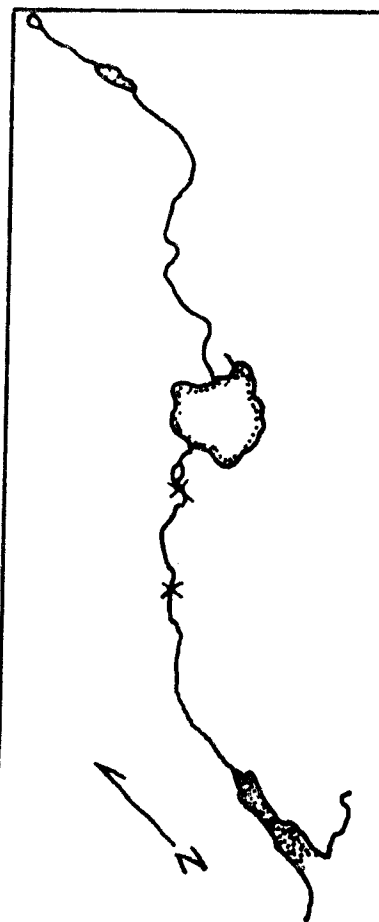
---45' wide, 8" deep

(Counted 4100 live pink salmon actively spawning.  
Equal number or more dead pink salmon estimated.  
All in ITZ.)

--Station #1

--ITZ & tree line

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Name Cabin Creek (Bartholomew) Catalog No. 101-55-09  
 Latitude N 55° 18' 40" 19' 15" WR No. 101-55-10090  
 Longitude W 130° 47' 01" K No. \_\_\_\_\_  
 Geodetic Map No. Ketchikan B-3 Work Area Ketchikan  
 Location Smeaton Bay - Behm Canal Watershed Length 1.4 miles access: 5.5 mi.T  
 Drainage Area of Watershed 9.9 sq. miles (polar planimeter)  
 Water Supply Type Lake supply supplemented by precipitation.

Trails & Survey Routes At normal water flows, the easiest route is by walking in the stream. Cut trails are completely revegetated.  
 Aerial Survey Notes Best approach from lake to intertidal. Upper end is closed canopy; lower area open effect with good survey criteria.  
 Anchorage Excellent anchorage for large vessel inside cove. Rock bottom, 15 fathoms available. Limited swing area for large vessel.  
 Tide Stage When Surveyed 2nd half of flood - 1st half of ebb.

#### FISHERY RESOURCES

Commercial Fisheries Pink, chum, coho, red salmonids.

Estapement Peak esc. - 1974 - 11,300 pink, 650 chum, 8 sockeye, 10 coho. High historic 75,000 (1942). Spawn. area: 15451m<sup>2</sup>(70% ASA, 45'W, 5280'L.)  
 Species Composition Pink salmon from 1974 survey - 94%, chum 5%, coho & red 1%.

Timing Late - September and October.

Schooling areas Major intertidal schooling occurs in outer cove, at upper ITZ near grassed over island. Schooling area for Smeaton Bay.

Shellfish Potential Dungeness and small king crab were collected in the cove using subsistence pots.

Sport Fisheries Cutthroat are found in the lake above barrier. Four species salmon, sea run cutthroat and Dolly Varden - lower end.

Land Use at Present None

History of Land Use Unknown - other than 1930-40's seasonal residency by stream protection personnel.

Rehabilitation Potential Possible steep pass installation at falls barrier with subsequent coho or red salmon stockings.

Soils Stable, but susceptible to high bank erosion if logged. High water flow deposits of silt found along bars in lower end.

#### GAME RESOURCES

Bear -----	Fish carcasses or bones (old or <u>fresh</u> ) on banks, estimate	20
	Number of droppings	3
Bease -----	Number seen on tide flats	0
	Number seen up creek	0
	Number of broods seen	0
Mallards ---	Number seen on tide flats	25
	Number seen up creek	0
	Number of broods seen	0
Wrens -----	Number of broods seen	40
Red Egler ---	Number seen at creek	4
	Number of nests seen and location	0
Seals -----	Number seen at mouth of stream	0
Tide flats -	Estimate length along beach	1/4 mile
	Estimate depth out from beach	50 feet
	Eel grass present on what percent of flats	1-2%

# PEAK ESCAPEMENT RECORD

Cabin Creek  
101-55-09

DATE	PINK	CHUM	OTHER SPECIES	REMARKS
9-14-38	4,000	1,000		6000 off mouth.
9-13-39	3,000			Good showing in bay.
9-29-40	12,000			Good. 2000 chum 9-13.
9-27-41	75,000			Excellent.
9-21-42	50,000	500		Excellent. 10,000 chum 9-12. Stream over seeded.
9-18-43	25,000	4,000		Good. 10,000 off mouth.
9-17-45	30,000	10,000		Excellent. 30,000 off mouth.
9-28-47	10,000	500	5 red	1500 chum 9-19. Excellent.
9-22-48	15,800	1,325		
9-27-49	11,300	362	26 red	1354 dead pink, 157 dead chum.
9-20-50	3,055	670		
9-13-51	11,500	490	33 red. coho present.	Few dead chum.
9-15-52	1,800	175	2 coho, 7 red	250 dead pink, 90 dead chum;
7-18-53	2,000			
9-19-54	14,000	1,000	4 red.	1-2000 at mouth.
9-25-55	25,000			Some chum. Many dead pink.
9-24-56	15,000			Few dead pink.
9-7-57	7,200	1,400		300 dead pink.
8-9-60				Vis. poor. 200 pinks at mouth.
9-8-61				Many fish present, vis. poor.
9-4-63	19,000	few	few coho	Vis. fair to poor; stream low, raising.
9-1-64	12,000	few		Vis. good to excellent. 150 I.T.
8-18-65				800 - 1000 @ mouth. Vis. good. 5 balls above Cabin Creek. 4-5000 total.
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